



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Mapes et al.  
Serial No. : 10/657,755  
Filed : September 9, 2003  
Title : PHOTOVOLTAIC ARRAY

Art Unit : Unknown  
Examiner : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449. A copy of a communication from a foreign patent office in a counterpart application is also enclosed.

This statement is being filed within three months of the filing date of the application.  
Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 11-20-03

A handwritten signature in black ink, appearing to read "H. Fox", written over a horizontal line.

Harold H. Fox  
Reg. No. 41,498

Fish & Richardson P.C.  
1425 K Street, N.W.  
11th Floor  
Washington, DC 20005-3500  
Telephone: (202) 783-5070  
Facsimile: (202) 783-2331

Substitute Form PTO-1449 (Modified)  <b>Information Disclosure Statement</b> <b>by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. <b>13454-015001</b>	Application No. <b>10/657,755</b>
	Applicant <b>Mapes et al.</b>			
	Filing Date <b>September 9, 2003</b>		Group Art Unit	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	6,254,397	07/03/2001	Elmer			
	AB	4,966,631	10/30/1990	Matlin et al.			
	AC	5,143,556	09/01/1992	Matlin			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	AD	JP 11311002	11/09/1999	Japan			Abstract Only	
	AE	EP 0905795	03/31/1999	European Patent Office				
	AF	EP 0977274	02/02/2000	European Patent Office				
	AG	JP 2001107518	04/17/2001	Japan			Abstract Only	

Examiner Signature	Date Considered
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	